CLAIMS

1.   A device for generating an alert signal comprising:
positioning means for updating and storing an actual position of the device;
characterised by
location storage means for storing the location of a place of interest;
means for storing a request for an alert signal associated with the location of a
place of interest; and
trigger means for comparing the actual position of the device with the location
of a place of interest and triggering generation of said alert signal when the
distance between the actual position of the device and the location of a place of
interest is less than a predetermined value (r).

2.   A device according to claim 1, **characterised** in that the predetermined value
(r) is variable, and may be set individually for each request for an alert signal.

3.   A device according to claim 1 or 2, **characterised** in that the location storage
means includes a personal map program.

4.   A device according to claim 1, 2 or 3, **characterised** in that the location
storage means includes a browser for finding locations on a telecommunications
network.

5.   A device according to claim 4, **characterised** in that the browser is a WAP
browser for finding locations on the Internet.

6.   A device according to any one of claims 1 to 5, **characterised** in that the
positioning means is arranged to update the actual position of the device every
time the device changes base station.

7.   A device according to any one of claims 1 to 5, **characterised** in that the
positioning means is arranged to update the actual position of the device at
regular time intervals.

8.   A device according to any one of claims 1 to 5, **characterised** in that the
positioning means is arranged to update the actual position of the device every
time the device has moved a distance, for instance 100 meters.

9.   A device according to any one of claims 1 to 5, **characterised** in that the
positioning means is arranged to update the actual position of the device in

dependence of the speed of the device.

10.   A device according to any one of the preceding claims, **characterised** by further comprising:

5   calendar means for storing calendar entries;

clock means for keeping track of the actual time;

further trigger means for comparing the actual time with a calendar entry and triggering generation of said alert signal when the actual time matches the calendar entry, but only when the distance between the actual position of the

10   device and the location of a place of interest is less than the predetermined value (r).

11.   A device according to claim 10, **characterised** in that the calendar entry matches the actual time once only.

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12.   A device according to claim 10, **characterised** in that the calendar entry matches the actual time repeatedly for a specified time unit, such as day/week/month/year.

20   13.   A device according to any one of the preceding claims, **characterised** in that the positioning means comprises a GPS receiver.

14.   A device according to any one of the preceding claims, **characterised** in that the device is a portable telephone, a pager, a communicator, a smart phone, a

25   positioning device or an electronic organiser.

15.   A method for generating an alert signal in a device comprising the steps of:

updating and storing an actual position of the device;

characterised by the further steps of:

30   storing the location of a place of interest;

storing a request for an alert signal associated with the location of a place of interest; and

comparing the actual position of the device with the location of a place of interest and triggering generation of said alert signal when the distance between

35   the actual position of the device and the location of a place of interest is less than a predetermined value (r).

16.   A method according to claim 15, **characterised** in that the predetermined value (r) is variable, and is set individually for each request for an alert signal.

17.   A method according to claim 15 or 16, **characterised** in that the location storage is supplied by means of a personal map program.

5   18.   A method according to claim 15, 16 or 17, **characterised** in that the location storage is supplied by means of a browser for finding locations on a telecommunications network.

19.   A method according to claim 18, **characterised** in that the browser is a WAP

10   browser for finding locations on the Internet.

20.   A method according to any one of claims 15 to 19, **characterised** in that the actual position of the device is updated every time the device changes base station.

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21.   A method according to any one of claims 15 to 19, **characterised** in that the actual position of the device is updated at regular time intervals.

22.   A method according to any one of claims 15 to 19, **characterised** in that the

20   actual position of the device is updated every time the device has moved a distance, for instance 100 meters.

23.   A method according to any one of claims 15 to 19, **characterised** in that the actual position of the device is updated in dependence of the speed of the device.

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24.   A method according to any one of claims 15 to 23, **characterised** by the further steps of:
storing calendar entries;
keeping track of the actual time;

30   comparing the actual time with a calendar entry and triggering generation of said alert signal when the actual time matches the calendar entry, but only when the distance between the actual position of the device and the location of a place of interest is less than the predetermined value (r).

35   25.   A method according to claim 24, **characterised** in that the calendar entry matches the actual time once only.

26.   A method according to claim 24, **characterised** in that the calendar entry matches the actual time repeatedly for a specified time unit, such as

day/week/month/year.

27.   A method according to any one of claims 15 to 26, **characterised** in that the
step of updating and storing the actual position of the device comprises

5   receiving GPS signals.

28.   A method according to any one of claims 15 to 26, **characterised** in that the
step of updating and storing the actual position of the device comprises
receiving position information from a mobile telecommunication network.

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29.   A method according to claim 28, **characterised** in that the mobile
telecommunication network uses EOTD (Enhanced Observed Time Difference)
or OTDOA (Observed Time Difference On Arrival).

15 30.   A method according to any one of claims 15 to 29, **characterised** in that the
device is a portable telephone, a pager, a communicator, a smart phone, a
positioning device or an electronic organiser.